WHAT IS CLAIMED IS:

1. A service-providing method using a service-providing unit operable to provide a requested service comprising:

providing a service having lower quality than quality of the requested service, when a network resource required for the requested service is not reservable.

2. A service-providing method using a service-providing unit operable to provide a requested service comprising:

checking whether or not a network resource required for the requested service is reservable to generate a first result;

checking whether or not a network resource required for a service of lower quality than the quality of the requested service is reservable to generate a second result, when the first result shows that the network resource required for the requested service is not reservable;

notifying that the service of lower quality is reservable to request a response, when the second result shows that the service of lower quality is reservable; and

providing the service of lower quality, when the response shows that the service of lower quality is requested.

3. A service-providing method using a service-providing unit operable to provide a requested service comprising:

checking whether or not a network resource required for the requested service is reservable to generate a first result;

checking whether or not a network resource required for a service of lower quality than the quality of the requested service is reservable to generate a second result, when the first result shows that the network resource required for the requested service is reservable; and

providing the service of lower quality, when the second result shows that the service of lower quality is requested.

4. A service-providing method using a service-providing unit operable to provide a requested service comprising first steps and second steps,

the first steps comprising:

checking whether or not a network resource required for the requested service is reservable to generate a first result;

checking whether or not a network resource required for a service of lower quality than the quality of the requested service is reservable to generate a second result, when the first result shows that the network resource required for the requested service is not reservable;

notifying that the service of lower quality is reservable to request a response, when the second result shows that the service of lower quality is reservable; and

providing the service of lower quality, when the response shows that the service of lower quality is requested,

the second steps comprising:

checking whether or not the network resource required for the requested service is reservable to generate a third result;

checking whether or not the network resource required for the service of lower quality than the quality of the requested service is reservable to generate a fourth result, when the third result shows that the network resource required for the requested service is not reservable; and

providing the service of lower quality, when the fourth result shows that the service of lower quality is requested,

wherein the first steps and the second steps are able to be switched over.

5. The service-providing method as defined in claim 1, further comprising:

providing a service having higher quality than quality of a current service, when a network resource required for a service of higher quality than the quality of the current service is reservable.

6. The service-providing method as defined in claim 1, further comprising:

checking whether or not a network resource required for a service of higher quality than quality of a current service is reservable to generate a third result;

notifying that the service of higher quality is reservable to request an additional response, when the third result shows that the service of higher quality is reservable; and

providing the service of higher quality, when the additional response shows that the service of higher quality is requested.

7. The service-providing method as defined in claim 1, further comprising:

checking whether or not a network resource required for a service of higher quality than the quality of a current service is reservable to generate a third result; and

providing the service of higher quality, when the third result shows that the service of higher quality is reservable.

8. A service-providing method using a service-providing unit operable to provide a requested service comprising first steps and second steps,

the first steps comprising:

checking whether or not a network resource required for the requested service is reservable to generate a first result;

checking whether or not a network resource required for a service of lower quality than the quality of the requested service is reservable to generate a second result, when the first result shows that the network resource required for the requested service is not reservable;

notifying that the service of lower quality is reservable to request a response, when the second result shows that the service of lower quality is reservable;

providing the service of lower quality, when the response shows that the service of lower quality is requested;

checking whether or not a network resource required for a service of higher

quality than quality of a current service is reservable to generate a third result;

notifying that the service of higher quality is reservable to request an additional response, when the third result shows that the service of higher quality is reservable; and

providing the service of higher quality, when the additional response shows that the service of higher quality is requested,

the second steps comprising:

checking whether or not the network resource required for the requested service is reservable to generate a third result;

checking whether or not the network resource required for the service of lower quality than the quality of the requested service is reservable to generate a fourth result, when the third result shows that the network resource required for the requested service is not reservable;

providing the service of lower quality, when the fourth result shows that the service of lower quality is requested;

checking whether or not a network resource required for a service of higher quality than the quality of a current service is reservable to generate a third result; and

providing the service of higher quality, when the third result shows that the service of higher quality is reservable,

wherein the first steps and the second steps are able to be switched over.

9. A service-providing method using a service-providing unit operable to provide a requested service comprising:

checking an availability of a network resource to generate a first result;

judging whether or not the requested service is able to provide, based on the first result, to generate a second result; and

preventing from requesting a service that is not able to provide, based on the second result.

10. A service-providing method using a service-providing unit operable to provide a service chosen from a list of available services comprising:

checking an availability of a network resource to generate a first result;

judging whether or not the requested service is able to provide, based on the first result, to generate a second result; and

recording the list an item that is able to distinguish between an available service and an unavailable service, based on the second result.

11. The service-providing method as defined in claim 10, further comprising:

preventing from selecting an unavailable service on the list.

12. The service-providing method as defined in claim 1, wherein the network resource is a bandwidth.